



USU, 709603A

**United States Patent [19]****Kaye**

[11] Patent Number: **5,709,603**  
 [45] Date of Patent: **Jan. 20, 1998**

**[54] PERSONAL COMPUTER LOTTERY GAME**

[76] Inventor: Perry Kaye, 12696 Northwest 11th Ct.,  
 Sunrise, Fla. 33323

[21] Appl. No.: **738,317**

[22] Filed: **Oct. 25, 1996**

**Related U.S. Application Data**

[63] Continuation-in-part of Ser. No. 418,011, Apr. 6, 1995, Pat.  
 No. 5,569,082.

[51] Int. Cl.<sup>6</sup> ..... A63F 1/00; A63B 71/00

[52] U.S. Cl. ..... 463/17; 463/10; 463/42;  
 273/138.2

[58] Field of Search ..... 463/1, 16-19,  
 463/30-31, 9, 40-42, 10-13; 273/139,  
 138.1, 138.2; 364/410.1, 411.1, 412.1

**[56] References Cited****U.S. PATENT DOCUMENTS**

3,594,004	7/1971 Barr	273/139
4,108,361	8/1978 Krause	364/412
4,288,077	9/1981 Rose et al.	273/138 R
4,575,622	3/1986 Pellegrini	364/410
4,582,324	4/1986 Koza et al.	273/138 A
4,652,998	3/1987 Koza et al.	364/412
4,689,742	8/1987 Troy et al.	273/138 A
4,760,247	7/1988 Keane et al.	364/412
4,764,666	8/1988 Bergeron	273/139
4,832,341	5/1989 Muller et al.	273/138 A
4,882,473	11/1989 Bergeron et al.	235/380
4,996,705	2/1991 Entenmann	364/412
5,069,453	12/1991 Koza et al.	273/139
5,083,272	1/1992 Walker et al.	364/412
5,088,737	2/1992 Frank et al.	273/139
5,112,050	5/1992 Koza et al.	273/139
5,116,049	5/1992 Sludikoff et al.	273/139
5,158,293	10/1992 Mullins	273/139
5,176,380	1/1993 Evans et al.	463/16
5,186,463	2/1993 Marin et al.	463/17
5,212,368	5/1993 Hara	235/375
5,223,698	6/1993 Kapur	364/412
5,282,620	2/1994 Keesee	273/138 A

5,326,104	7/1994 Pease et al.	273/138 A
5,327,485	7/1994 Leaden	379/95
5,330,185	7/1994 Wells	364/412
5,331,141	7/1994 Kaneko	235/462
5,342,047	8/1994 Heidel et al.	273/138 A
5,348,299	9/1994 Clapper, Jr.	273/138 A
5,362,051	11/1994 Swafford, Jr. et al.	463/16
5,365,575	11/1994 Katz	379/92
5,373,440	12/1994 Cohen et al.	364/410
5,377,975	1/1995 Clapper, Jr.	273/138 A
5,398,932	3/1995 Eberhardt et al.	273/138 A
5,407,199	4/1995 Gumina	273/138 R
5,411,258	5/1995 Wilson et al.	364/410
5,415,416	5/1995 Seagnelli et al.	273/138 A
5,417,424	5/1995 Snowden et al.	364/412
5,429,361	7/1995 Raven et al.	273/138 A
5,472,196	12/1995 Rusnak	463/16
5,569,082	10/1996 Kaye	463/17
5,580,311	12/1996 Haste, III	463/16

**FOREIGN PATENT DOCUMENTS**

WO 91/06931 5/1991 WIPO ..... 17/32  
 WO 94/03873 2/1994 WIPO .

*Primary Examiner—Jessica Harrison*

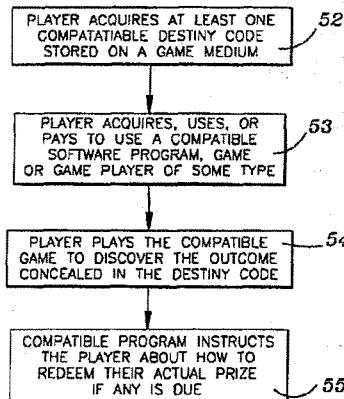
*Assistant Examiner—Mark A. Sager*

*Attorney, Agent, or Firm—Martin Korn*

**[57] ABSTRACT**

A method and system for playing a lottery type game includes a gaming piece which includes a predetermined code having data indicating whether the player wins or loses the game, the data being unrecognizable to the player, such that the player does not know the outcome of the game prior to play of the game. The code is stored on the gaming piece in a memory device. The gaming piece is reusable with different codes. The code is read by a processor. The processor presents an amusement game on a display for play by the player, and the player controls game play by inputting game parameters to the processor. The processor controls the outcome of the amusement game played by the player based upon the code. A display provides an indication to the player of a game win or a game loss based upon the code.

**17 Claims, 16 Drawing Sheets**

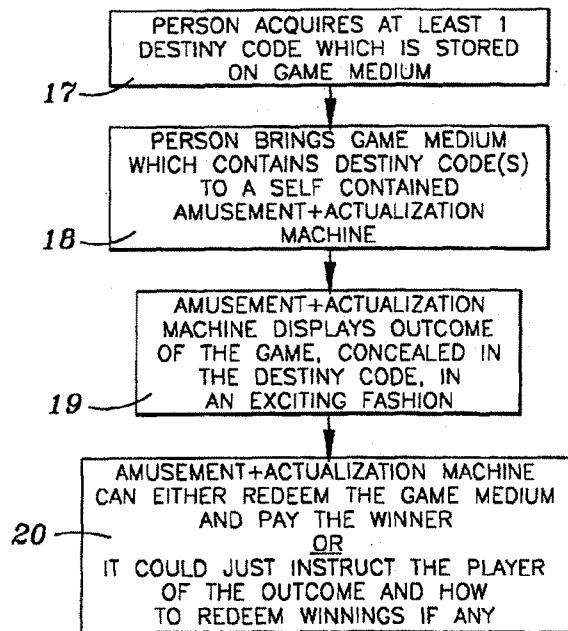
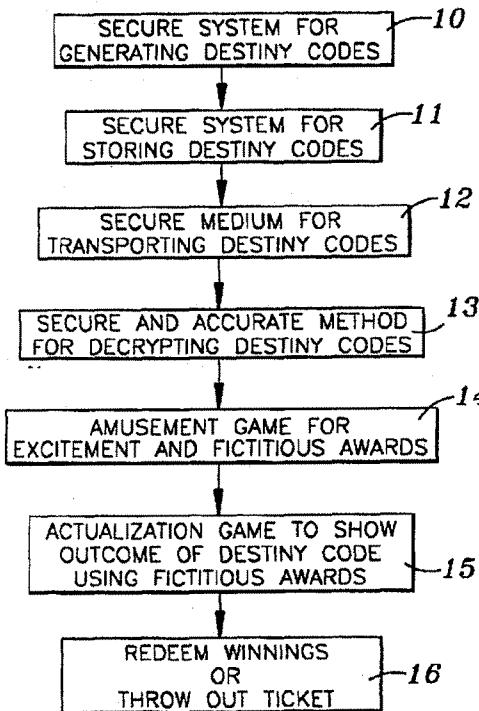


U.S. Patent

Jan. 20, 1998

Sheet 1 of 16

5,709,603

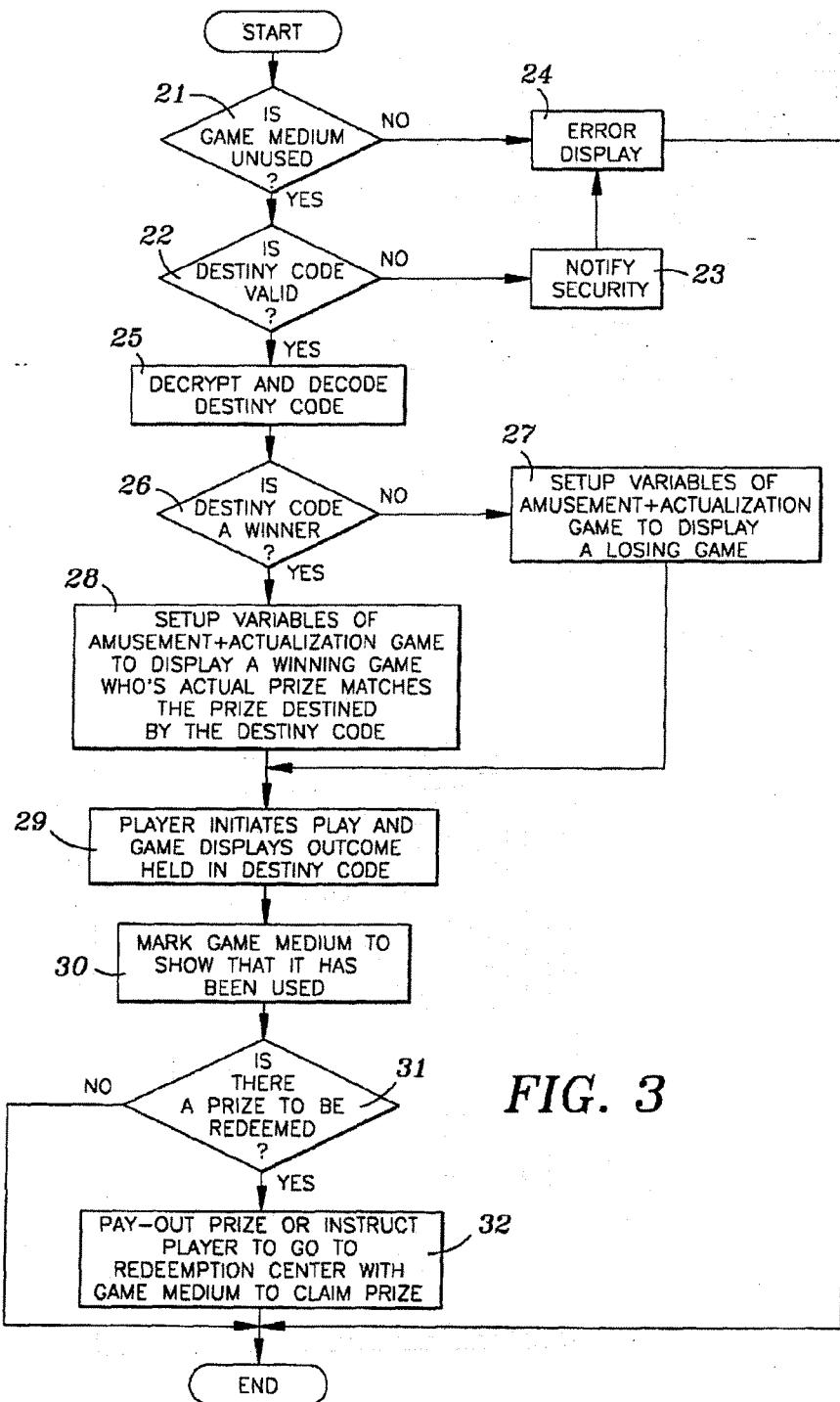


U.S. Patent

Jan. 20, 1998

Sheet 2 of 16

5,709,603



U.S. Patent

Jan. 20, 1998

Sheet 3 of 16

5,709,603

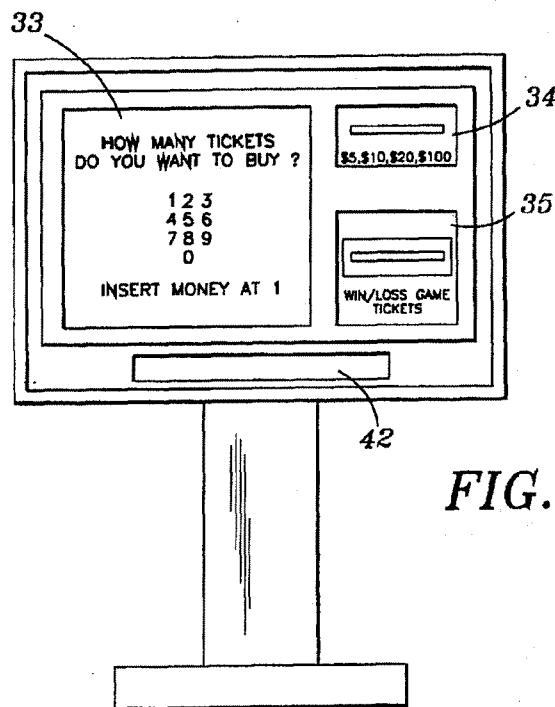


FIG. 4

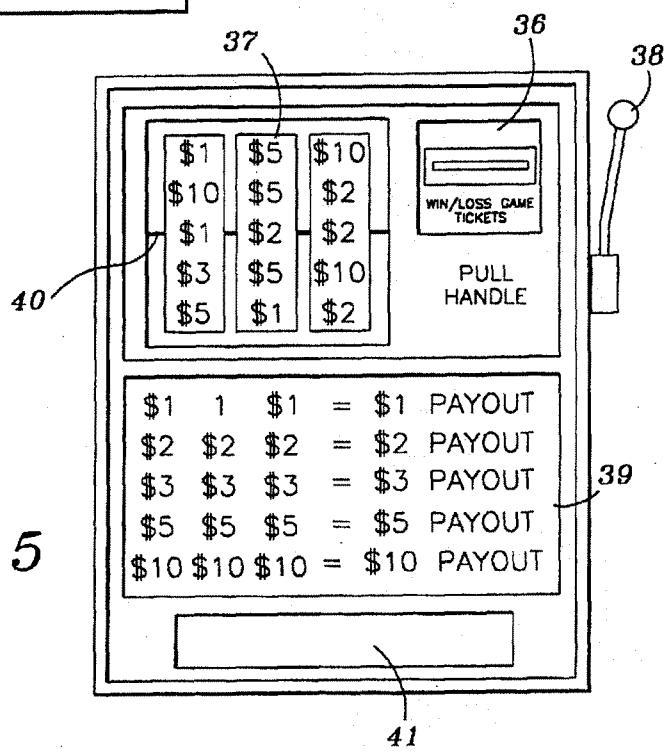


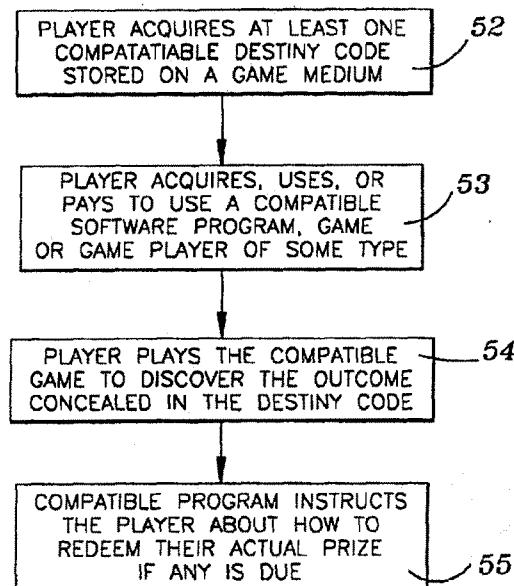
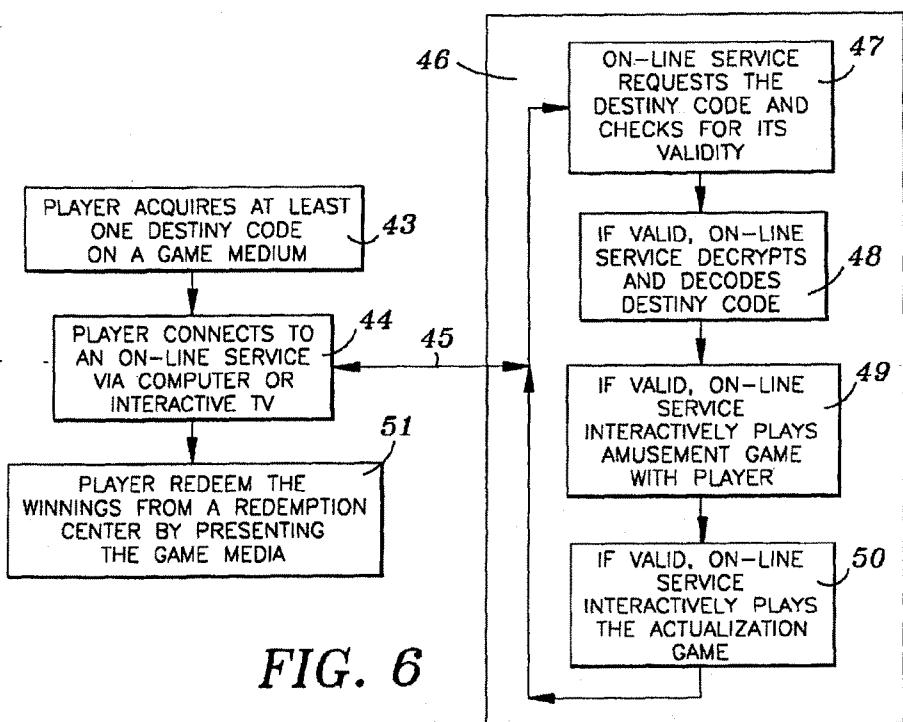
FIG. 5

U.S. Patent

Jan. 20, 1998

Sheet 4 of 16

5,709,603

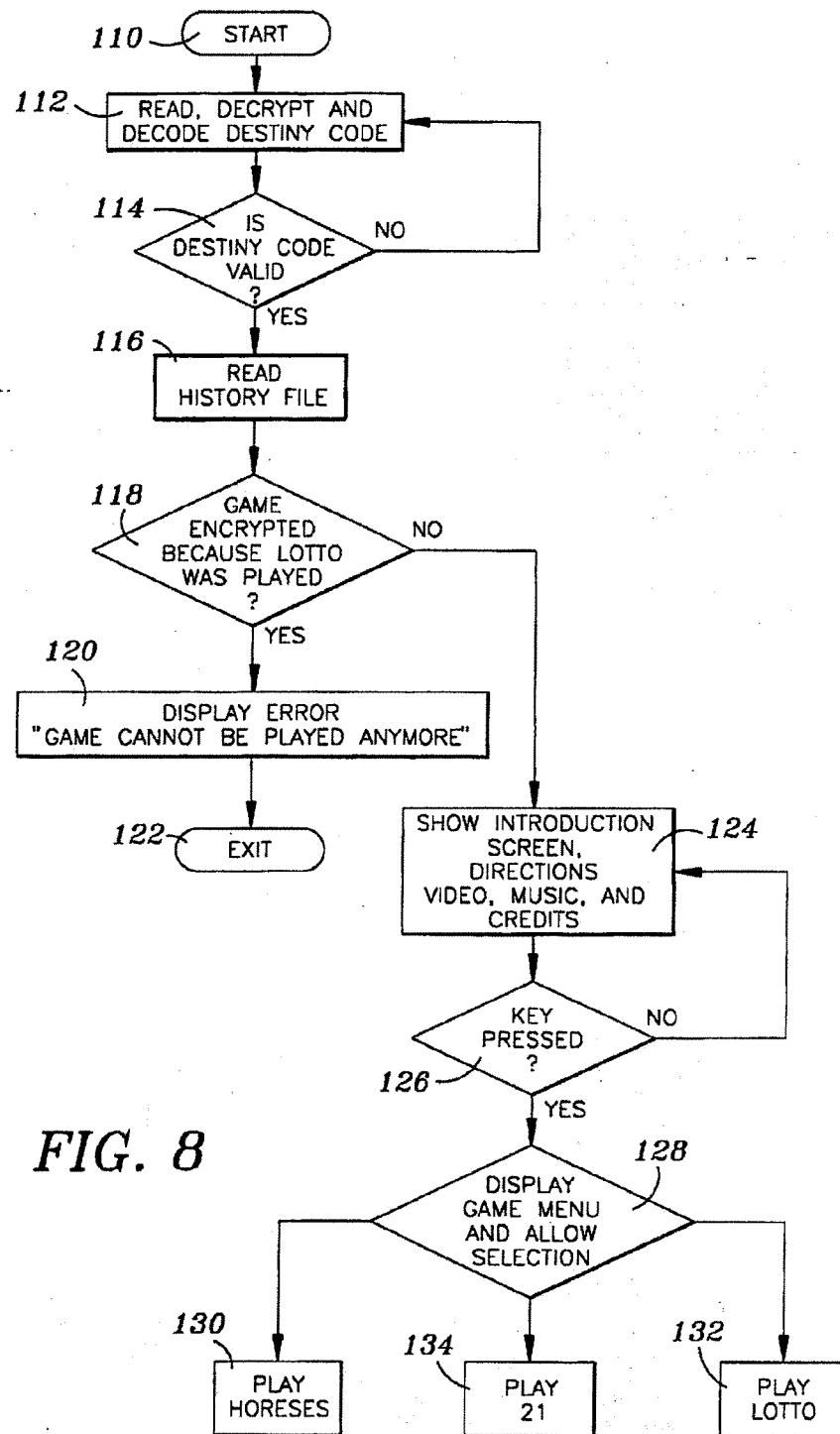


U.S. Patent

Jan. 20, 1998

Sheet 5 of 16

5,709,603

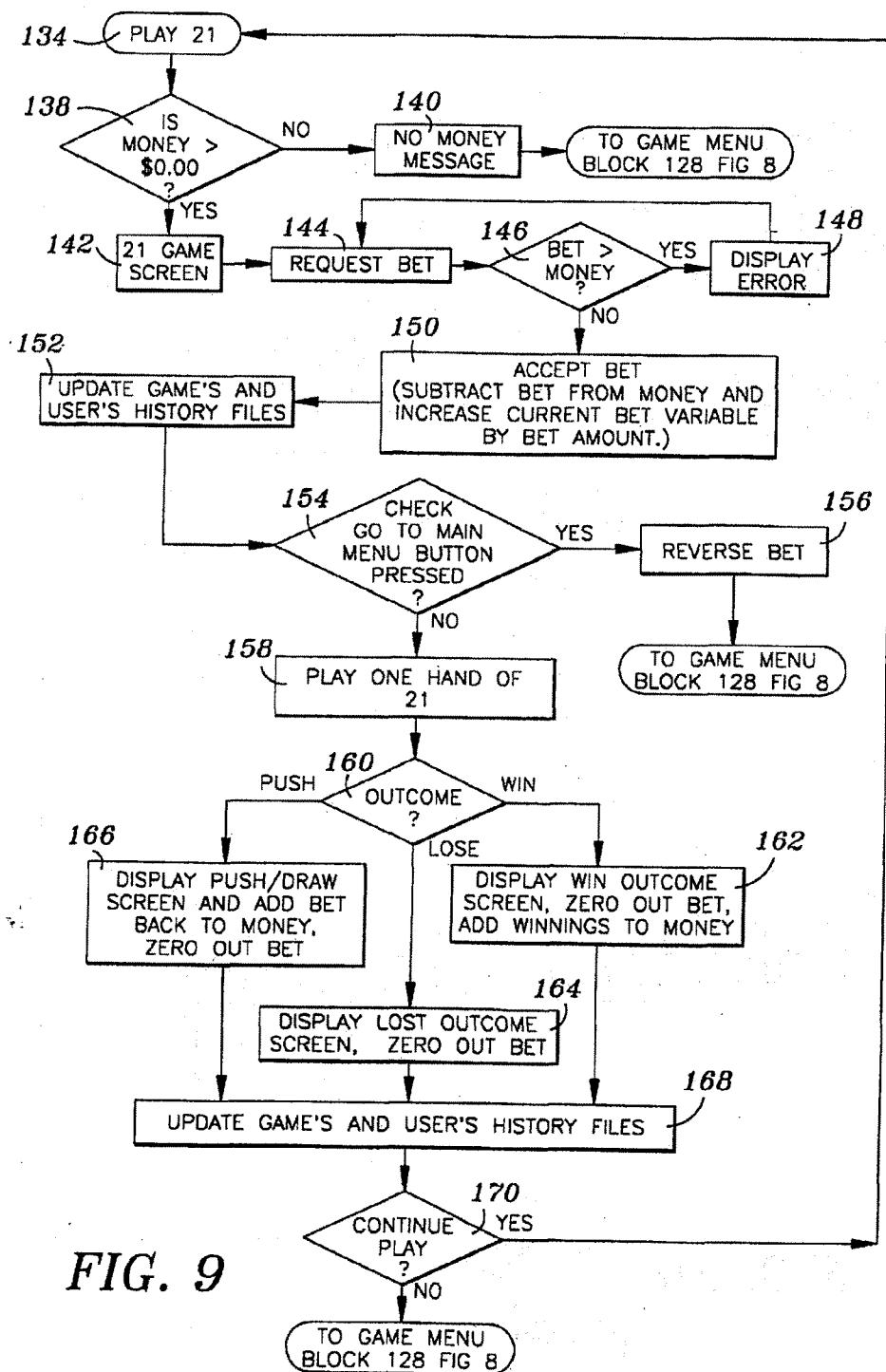


U.S. Patent

Jan. 20, 1998

Sheet 6 of 16

5,709,603

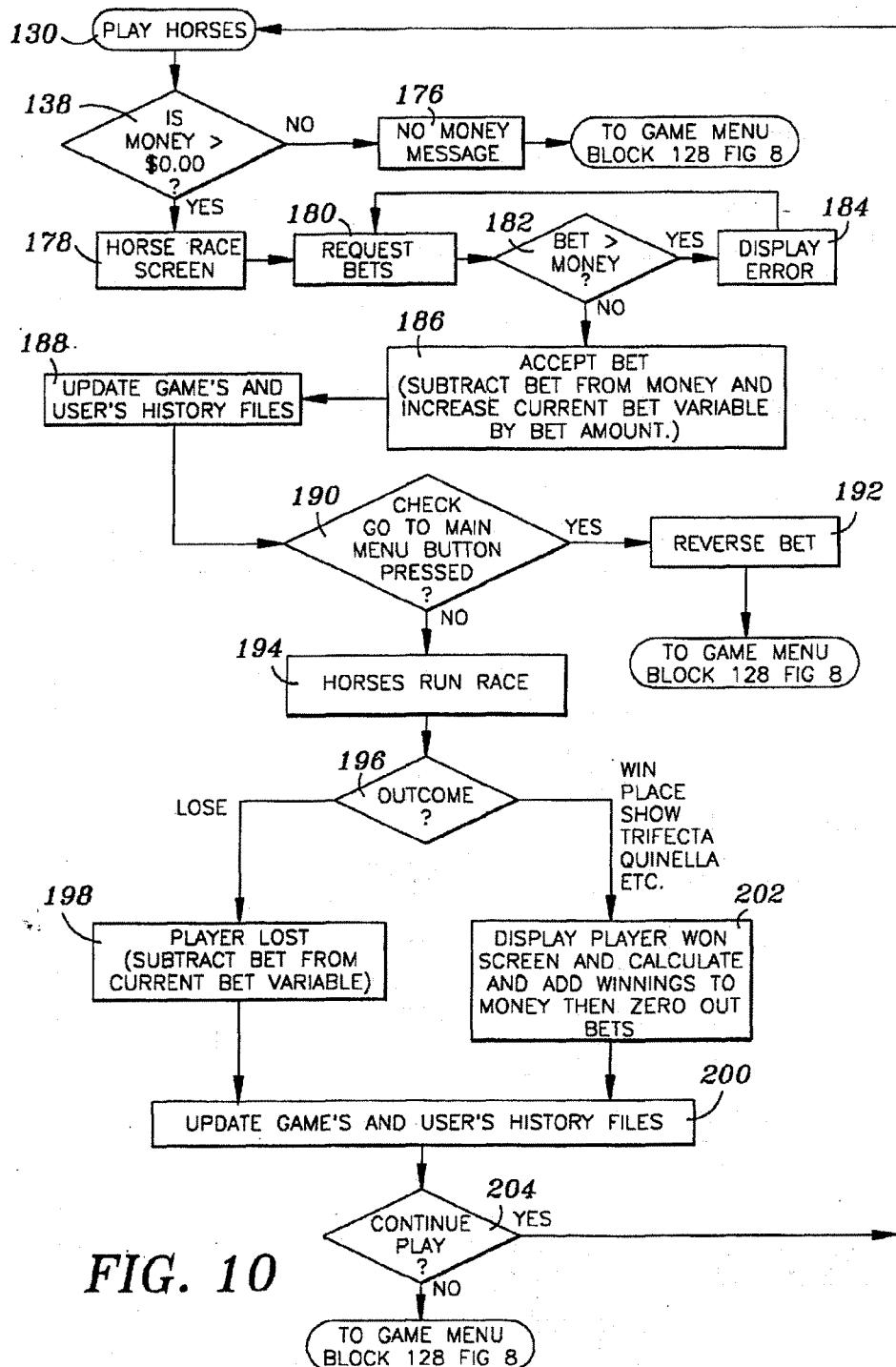


U.S. Patent

Jan. 20, 1998

Sheet 7 of 16

5,709,603



U.S. Patent

Jan. 20, 1998

Sheet 8 of 16

5,709,603

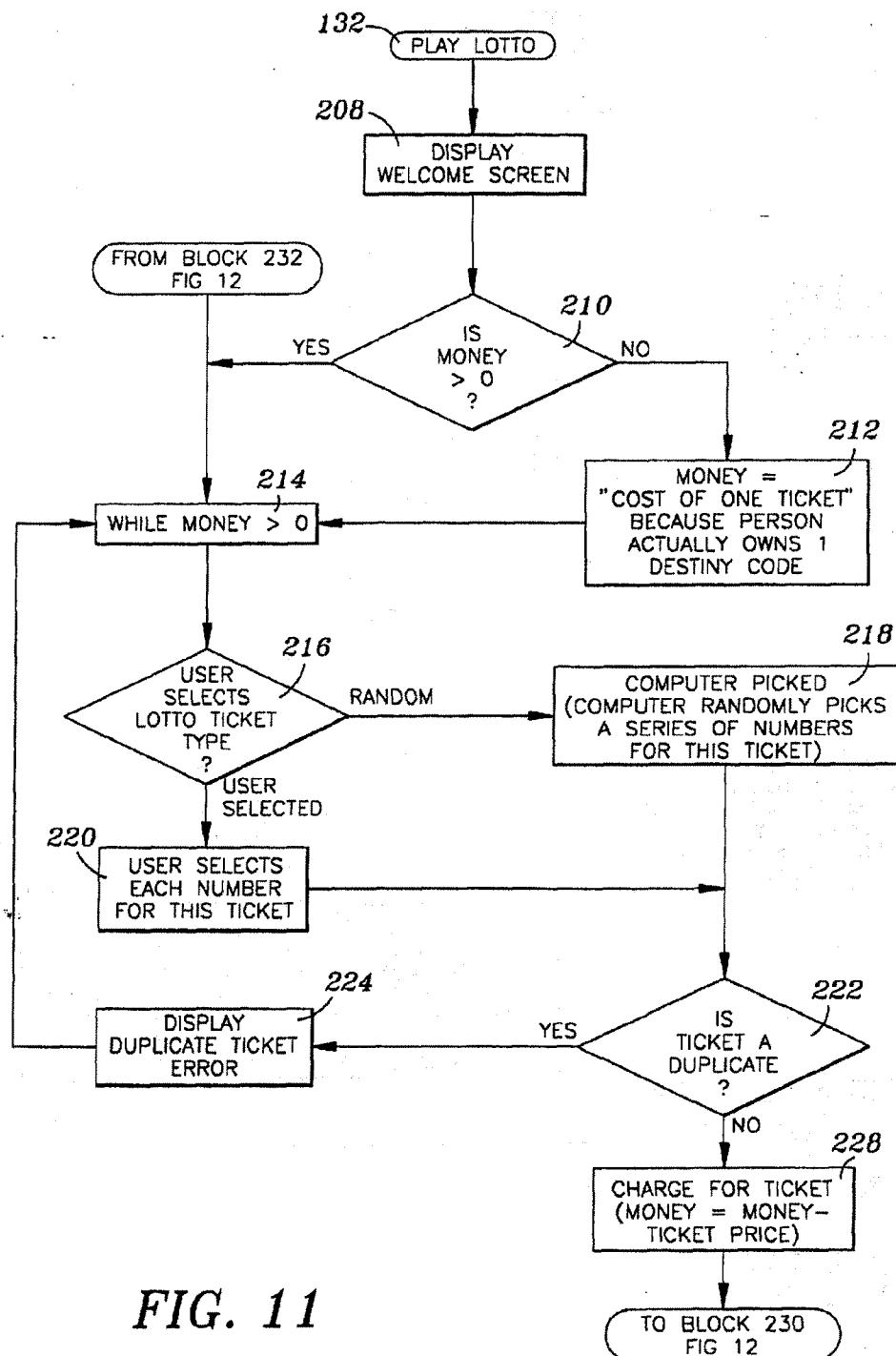


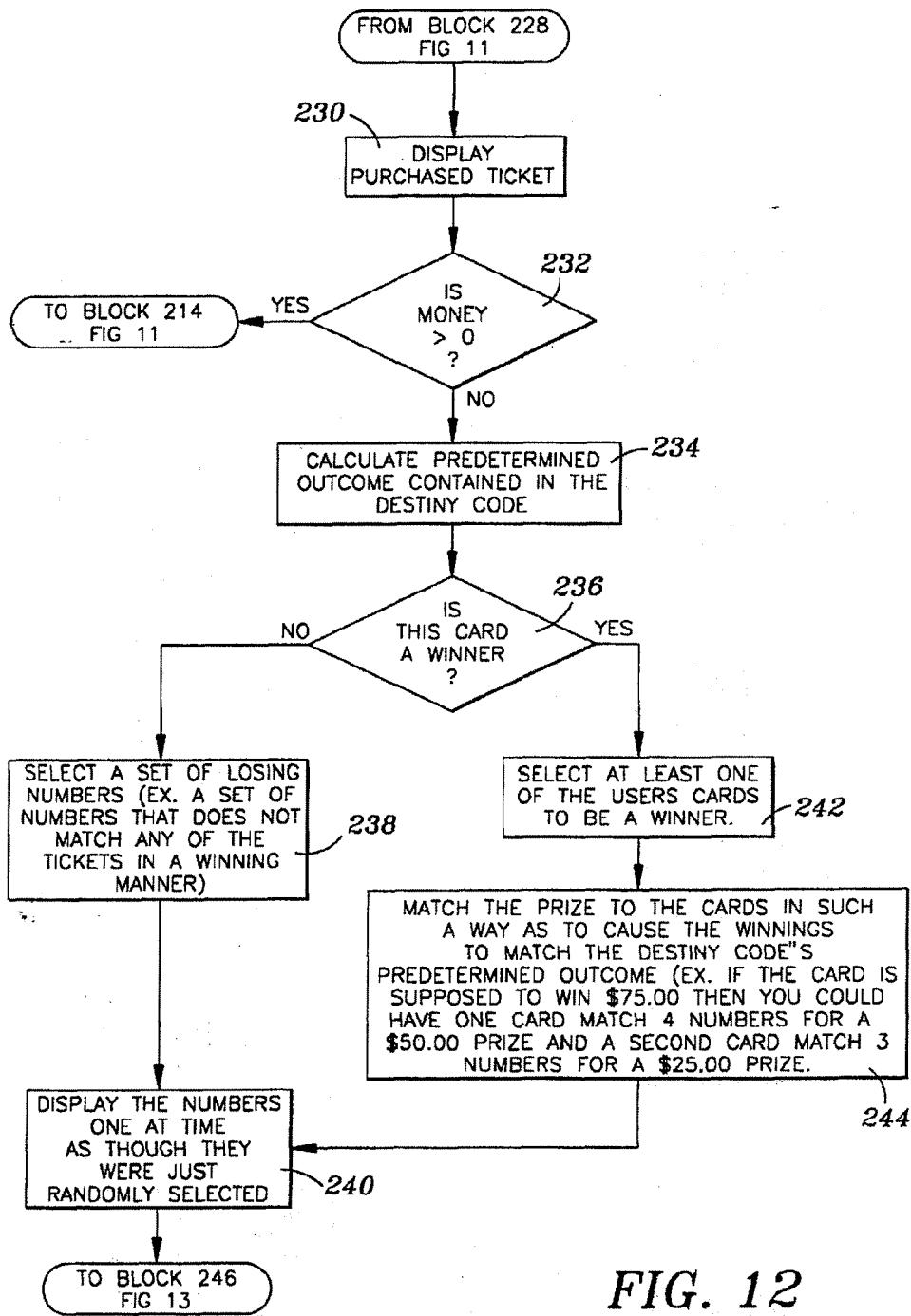
FIG. 11

U.S. Patent

Jan. 20, 1998

Sheet 9 of 16

5,709,603



U.S. Patent

Jan. 20, 1998

Sheet 10 of 16

5,709,603

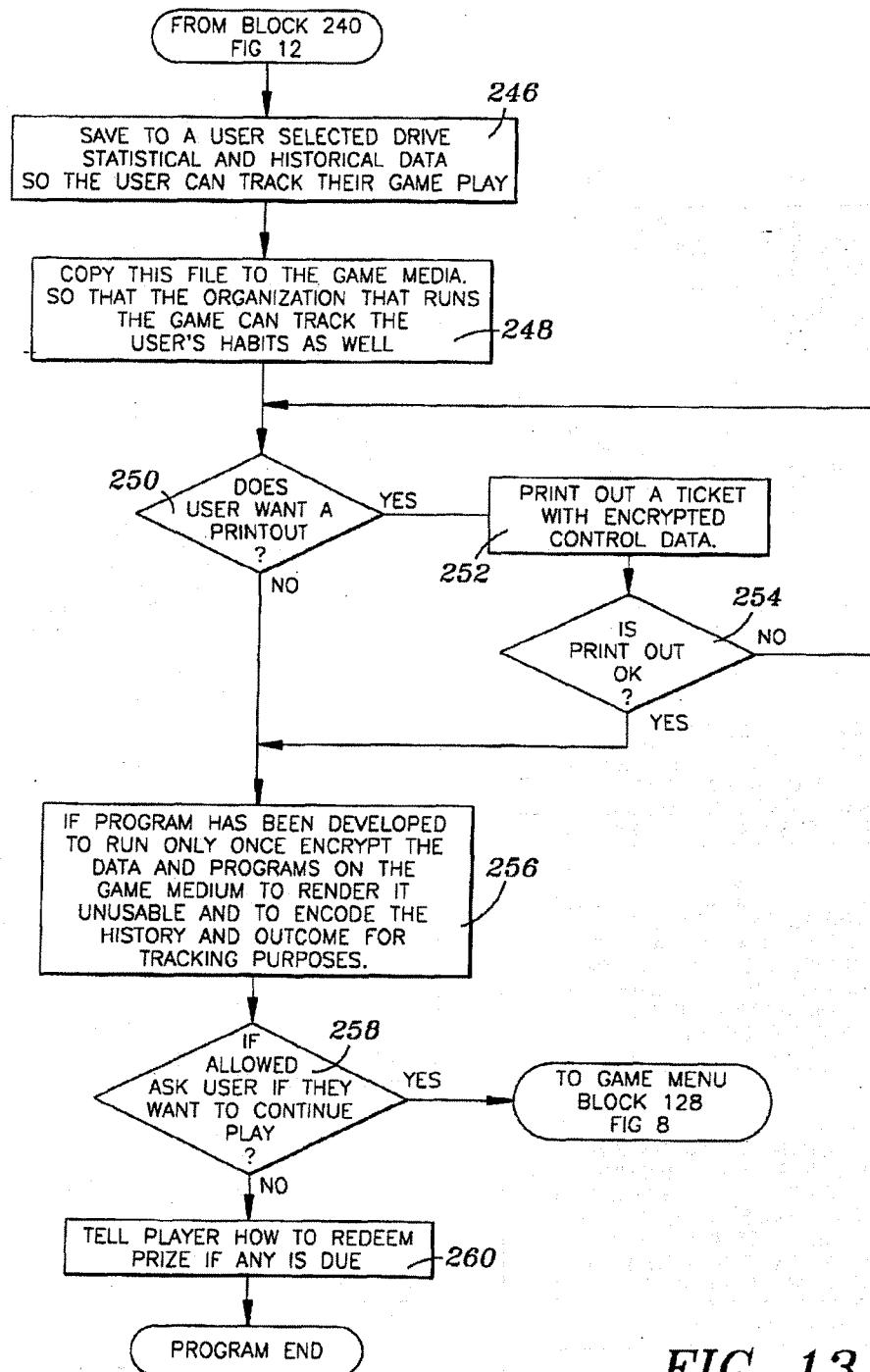


FIG. 13

U.S. Patent

Jan. 20, 1998

Sheet 11 of 16

5,709,603

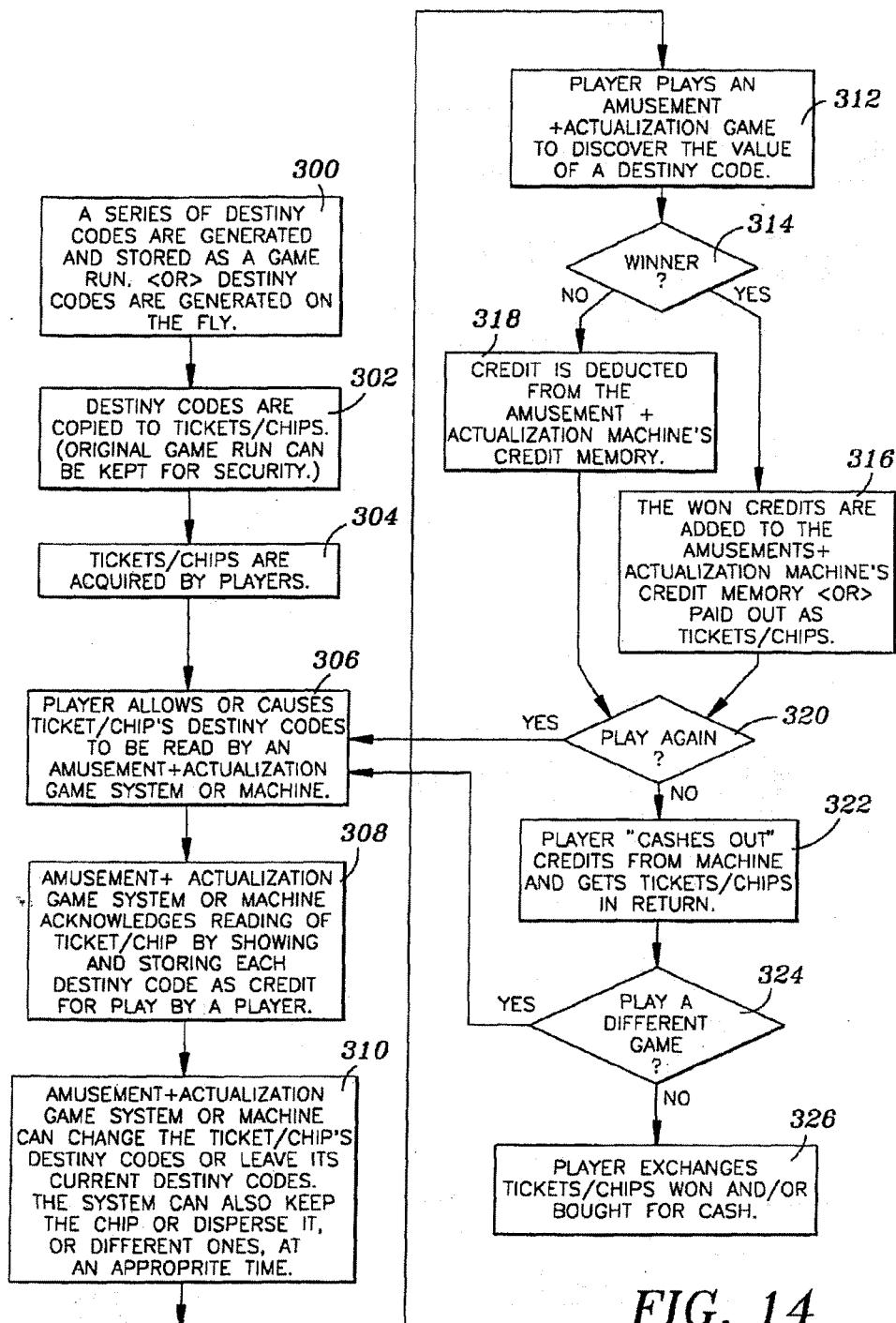


FIG. 14

U.S. Patent

Jan. 20, 1998

Sheet 12 of 16

5,709,603

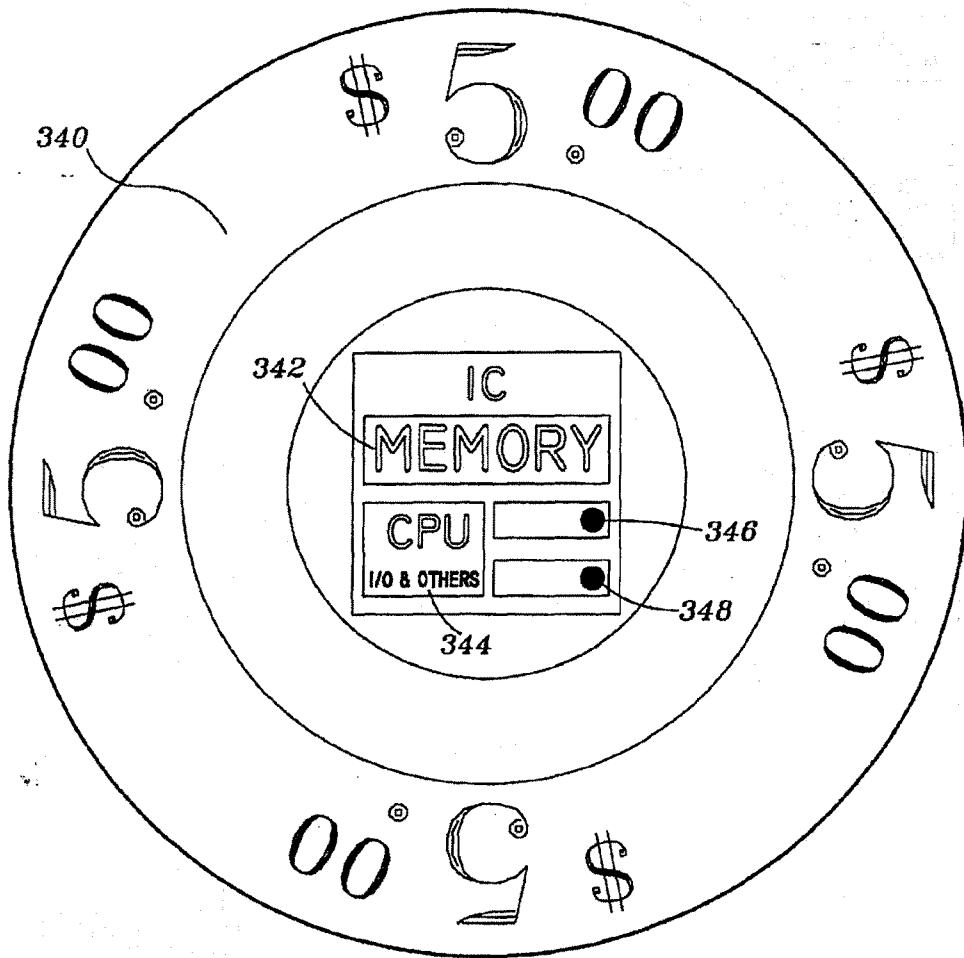


FIG. 15